

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

AVOID EXPOSURE Laserradation is emitted from this APERTURE

LASE RATECTION—AND DEFICE SIND.

EVENTS THE TO ERECT OR SCATTIFFED RATECTION.

PERSONNERS ON WAVELENGTH STREET FOR COLUMN TO WAVELENGTH STREET FOR COLUMN TO CLASS IV LASE OF PRODUCT.

This device complies with 21 CPR 1006 10 and 1000 11 Chenghan level balance Option trans Test Co., 126 (CN) 680 Chronical Ped. Complies, PER Cents

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MSL-AO-1064/1~200uJ

## SINGLE LONGITUDINAL MODE PULSED GREEN LASER AT 1064 nm

All solid state single frequency pulsed laser at 1064nm is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.









## SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Acousto-Optic Q-switched
Single pulse energy (µJ)	1~200
Longitudinal mode	Single
Pulse duration (ns)	<25
Peak power (kW)	1~8
Rep. rate (Hz)	1~1000
Polarization ratio	>100:1
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2
Beam height from base plate (mm)	59
Warm-up time (minutes)	<20
Cooled method	Water Cooled
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year

